

CLIENT
COMPUTER

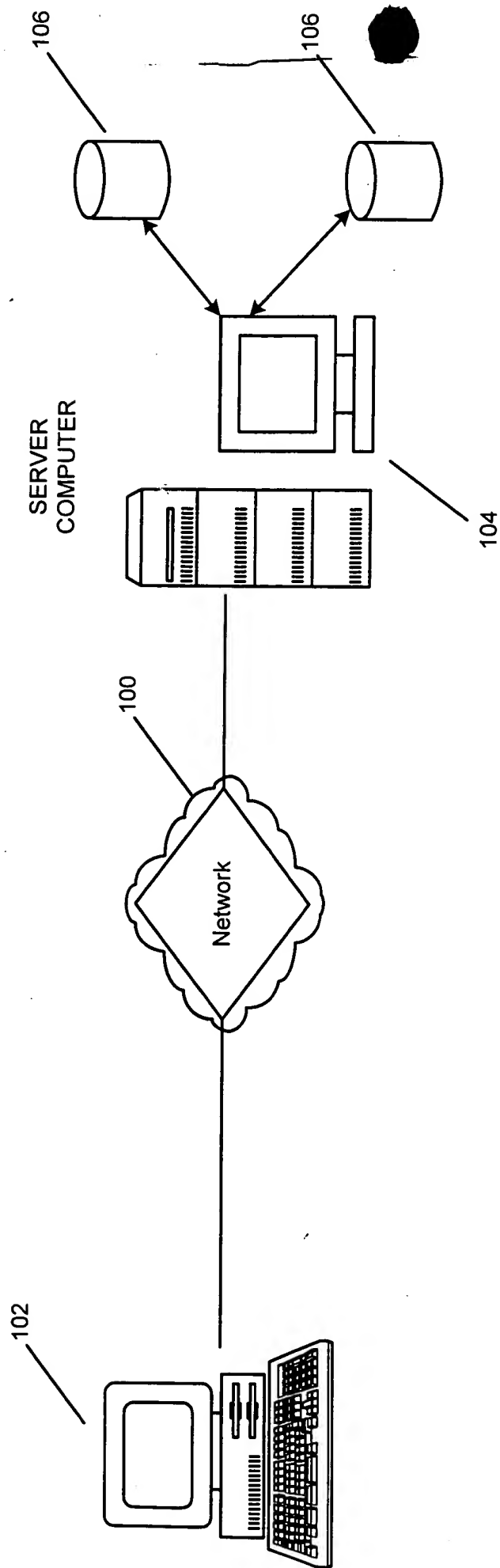


FIG. 1

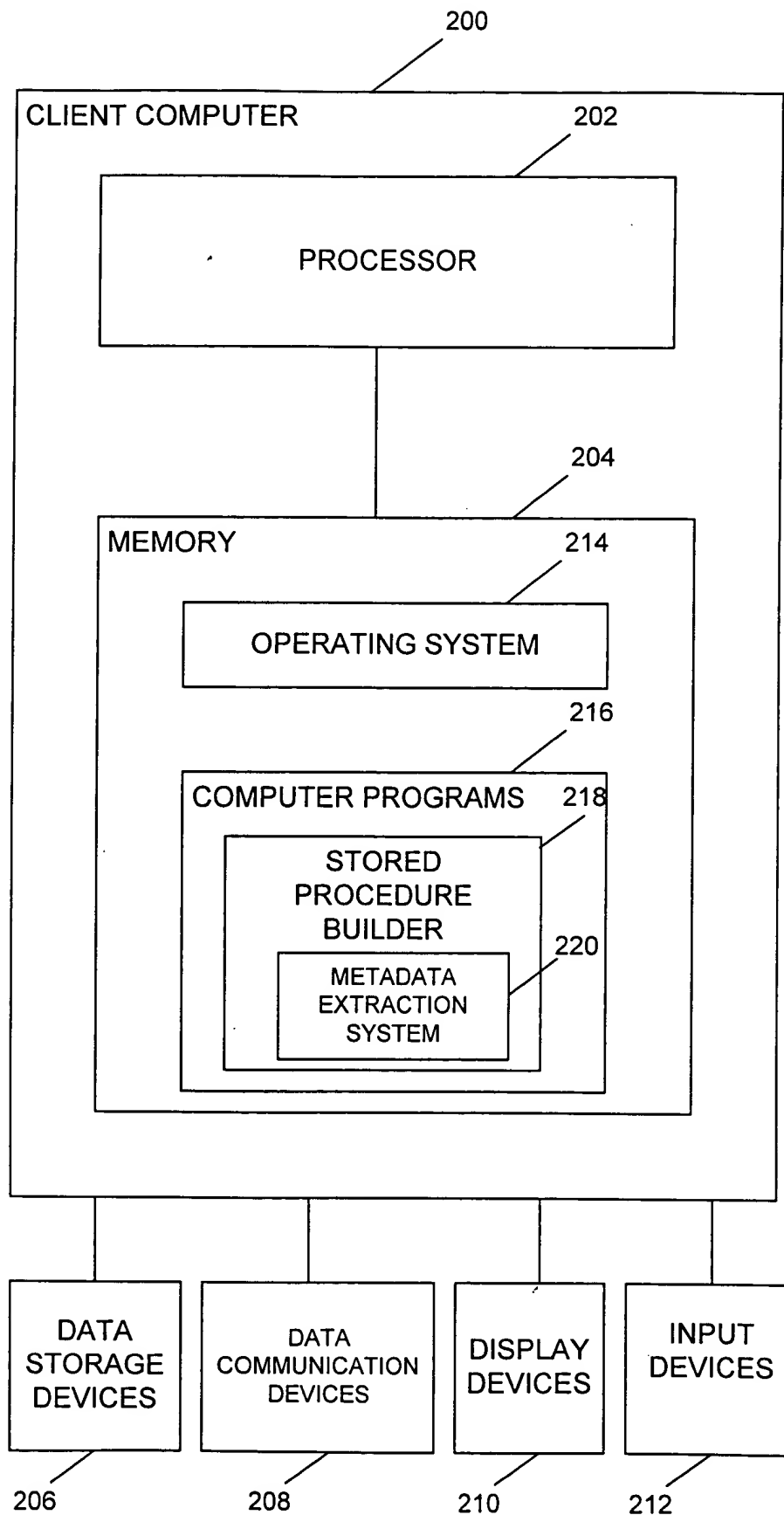


FIG. 2

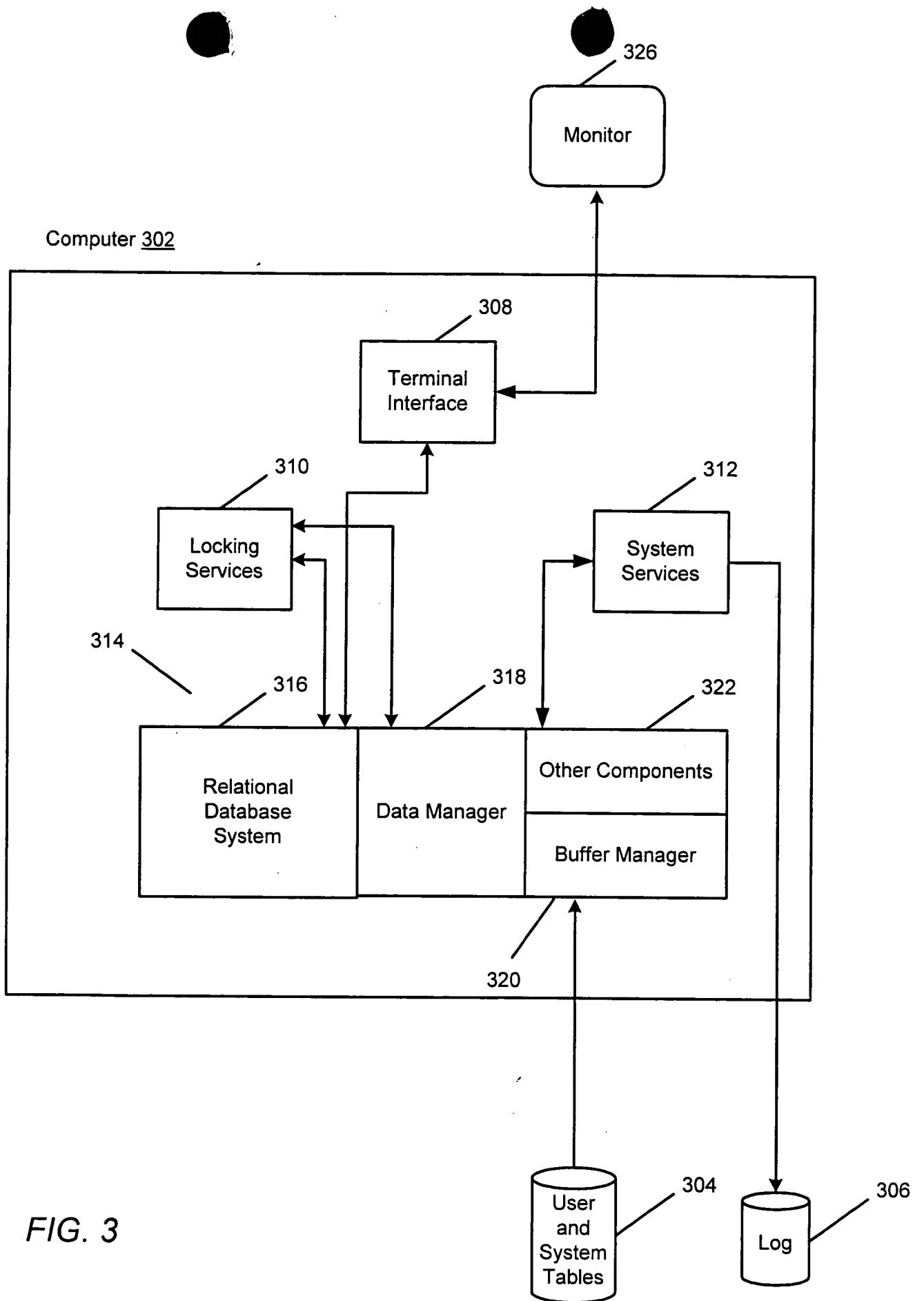


FIG. 3

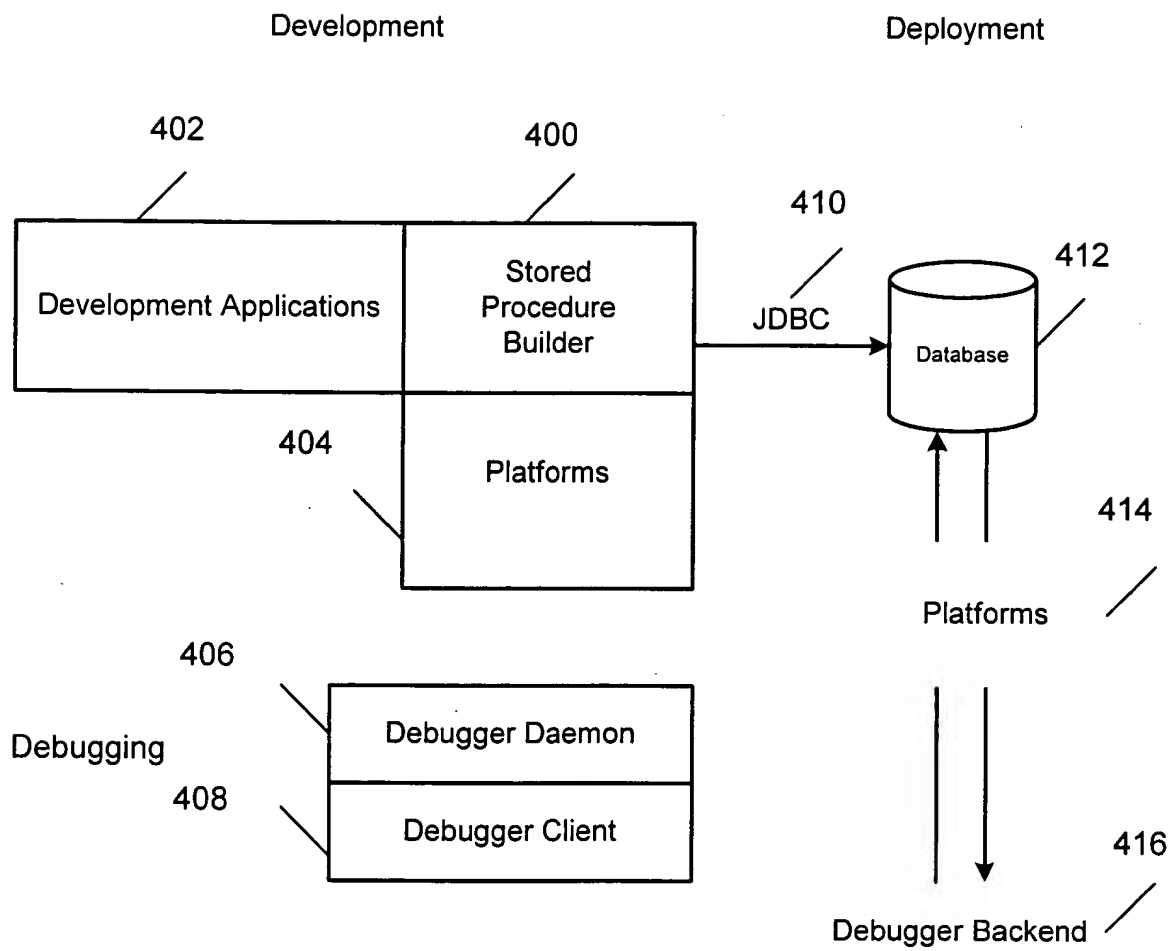


FIG. 4

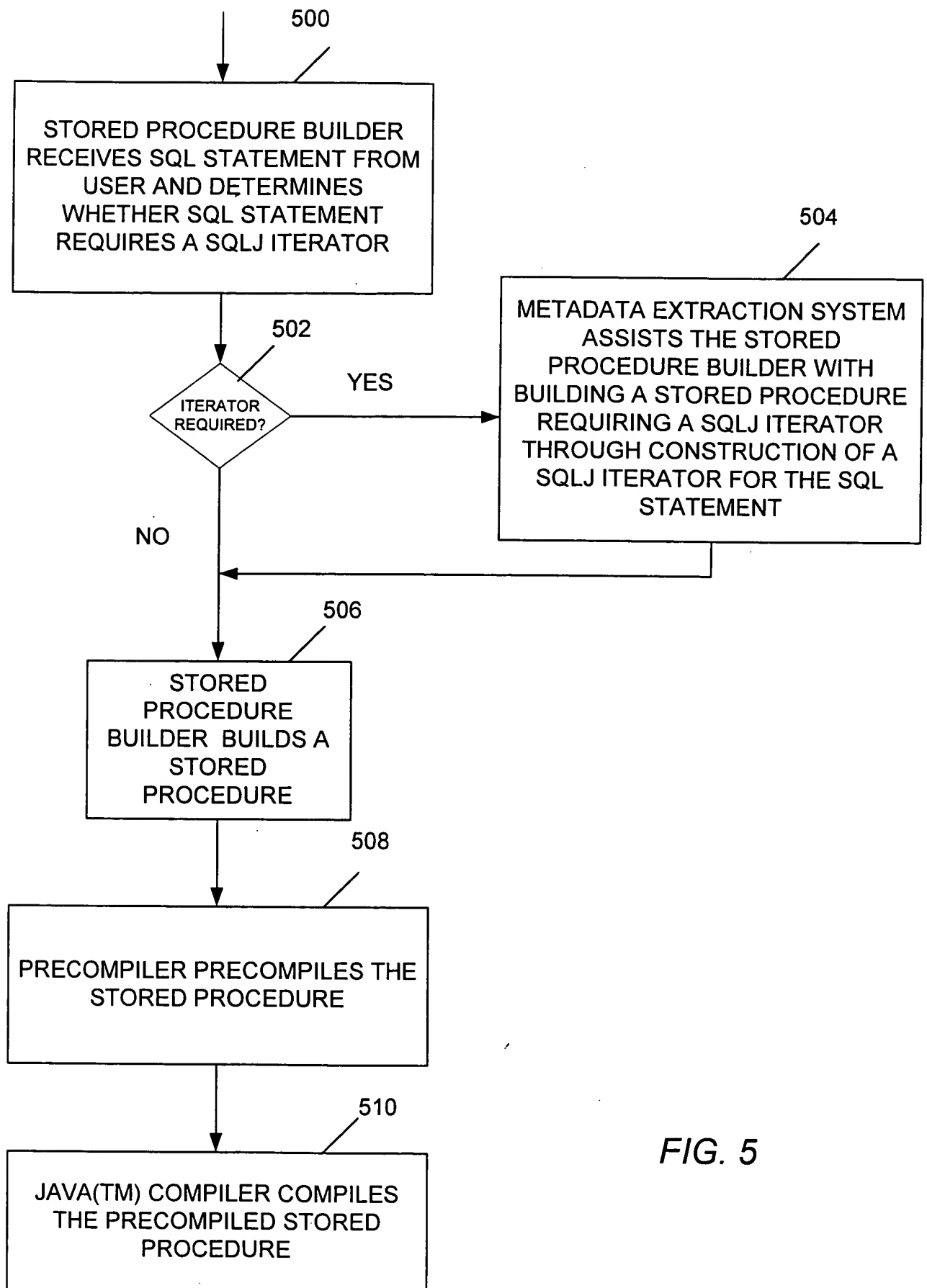


FIG. 5

RECEIVE SQL STATEMENT

PROCESS WHERE AND GROUP BY
CLAUSES IN THE SQL STATEMENT
TO CREATE A LIST OF SQL
STATEMENTS WITH FALSE
CLAUSES

EXECUTE EACH STATEMENT IN
LIST IN SEQUENCE UNTIL ONE
EXECUTES SUCCESSFULLY

OBTAIN TYPE DATA FOR
COLUMNS FROM THE RESULT SET
OF THE SUCCESSFULLY
EXECUTED STATEMENT

CONVERT THE TYPE DATA INTO
JAVA (TM) TYPES

CREATE SQLJ ITERATOR WITH
PARAMETERS FOR
THE JAVA(TM) TYPES

FIG. 6